### EPA Moderated Transaction System (EMTS)

U.S. Environmental Protection Agency Office of Transportation and Air Quality

# EPA Moderated Transaction System (EMTS)

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#### What is EMTS?

- The EPA Moderated Transaction System is defined as a closed, moderated system for screening and trading Renewable Identification Numbers (RINs).
- EMTS has been developed for a number of reasons and has been widely accepted from many industry stakeholders.
- EMTS will screen and track all RINs generated under the Renewable Fuel Standard (RFS2) regulations starting July 1, 2010.

### Why did EPA develop EMTS?

- There were many issues with the manual nature of handling 38 digit RINs.
- RFS2 requires added complexity with 4 Renewable Volume Obligations and 5 RIN types.
- EMTS provides industry with the ability to generate and trade RINs in a structured, uniform environment.
- Allows all regulated parties, who handle RINs, to receive immediate feedback.

#### What does EMTS do for me?

- EMTS allows RINs to be traded on a generic basis instead of handling 38 digit numbers.
- Allows users to provide unique references, such as PTD, Invoice, or BOL numbers. This feature assists personal tracking systems and could simplify annual attest engagements.
- EMTS will notify parties if a submission fails, a trade expires, a trade is pending, a trade has been denied, etc.
- EMTS' internal QA checks will help identify errors prior to submission.
- Allows users to identify common reporting issues and EPA to provide focused training.

# What information do I need to submit to EMTS?

All EMTS requirements can be found in 40 CFR §80.1452

#### All information related to:

- Generate RINs
- Sell RINs
- Buy RINs
- Separate RINs
- Retire RINs

## What information do I need to submit to EMTS? - Generation

#### Generate RINs

- Fuel (D Code) of the renewable fuel volume
- Renewable fuel production process
- Production Date
- Fuel Type (e.g. Ethanol, Biodiesel, Non-ester Renewable Diesel)
- Batch Volume
- Denaturant Volume (Ethanol only)
- RIN Quantity
- Batch Number
- Feedstock volumes
- Renewable Biomass Affirmation (as applicable)
- Co-products, for Dry and Wet Distiller grains only

## What information do I need to submit to EMTS? – Sell

#### Sell RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Assignment (Assigned or Separated)
- Renewable fuel batch volume included in the trade (assigned RINs only)
- Trading Partner
- Transaction Date, i.e. Product Transfer Document (PTD) date
- Price per gallon, including RINs, or RIN price
- Reason for sell (e.g. standard trade, an approved remedial action)

# What information do I need to submit to EMTS? – Buy

#### **Buy RINs**

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Assignment (Assigned or Separated)
- Renewable fuel batch volume included in the trade (assigned RINs only)
- Trading Partner
- Transaction Date, i.e. Product Transfer Document (PTD) date
- Price per gallon, including RINs, or RIN price
- Reason for sell (e.g. standard trade, an approved remedial action)

## What information do I need to submit to EMTS? – Separation

#### Separate RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Renewable fuel batch volume included in the separation
- Reason for separation (e.g. blending to produce a transportation fuel, receipt as an obligated party, export of renewable fuel, etc)

## What information do I need to submit to EMTS? – Retire

#### Retire RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Renewable fuel batch volume (assigned RINs only)
- Reason for Retire (e.g. use for compliance, reported spill, contaminated or spoiled fuel)

#### How can I interact with EMTS?

### Registration

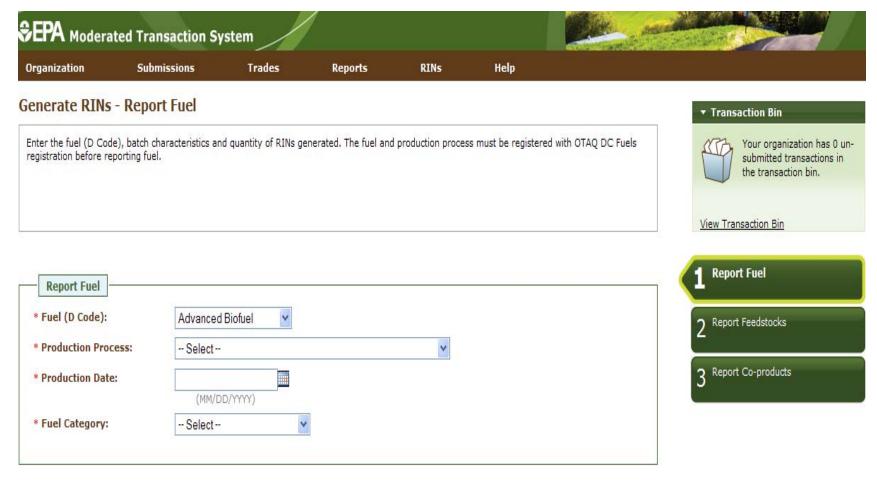
- Is proper registration necessary? Yes! Without an upto-date registration, you may not be able to interact with EMTS properly or even interact at all!
- Make sure that your company is properly registered with OTAQReg: Fuels Programs Registration system accessed via CDX.
- Read the EMTS Transaction Instructions on how your EMTS capabilities may be affected based on your registration.
- Only those users with the "submitter" role in OTAQReg may perform transaction in EMTS.

## How can I interact with EMTS? Interaction Methods

There are multiple ways for a party to interact with EMTS

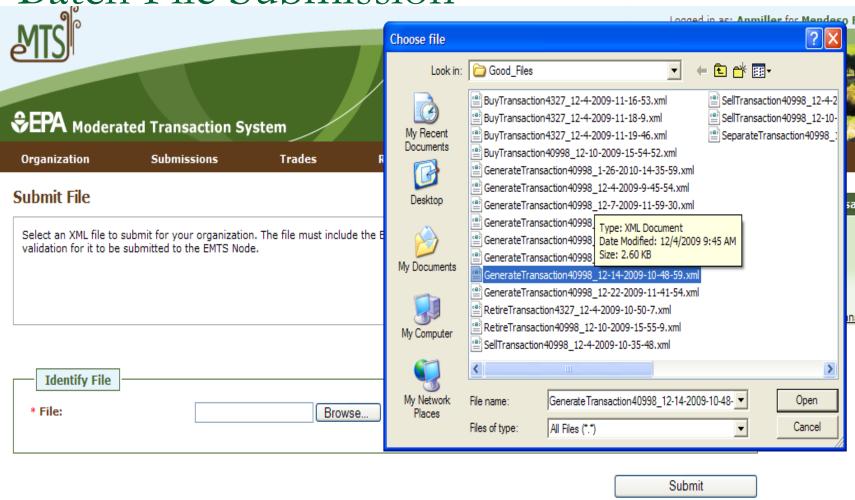
- EMTS Web Application
  - Wizard-like approach where EMTS will walk a user through every step to submit a transaction.
- Batch file submission
  - All transactional information provided in an XML file format.
  - EPA has developed an EMTS Conversion Tool (ECT) where a user can provide an Excel, CSV, TXT, file and the ECT will convert the file to a well formed XML file.
- File submission through the Exchange Network (Node to Node)
  - Machine to Machine
  - Allows users with internal transaction systems to directly send XML files to EMTS with very limited human interaction.

# How can I interact with EMTS? Web Application



### How can I interact with EMTS?

Batch File Submission



### How do I sign up for EMTS?

### First, read the EMTS Getting Started Guide and EMTS User's Guide

- EMTS testing is available for all users who are currently registered as submitters with our CDX Fuels Programs Registration Application (OTAQReg).
- All other participants in RFS and EMTS must first create a free CDX account and complete a user registration in the Fuels Programs Registration Application (OTAQReg).
- The EMTS web application can be accessed via a user's MyCDX page after their registration has been approved.
- For information on how to test EMTS prior to July 1, 2010, please visit the EMTS webpage at
  - http://www.epa.gov/otaq/fuels/renewablefuels/epamts.htm

#### What else do I need to know?

- All transactions (generate, separate, sell, buy, and retire) must be submitted to EMTS within 5 business days of the transaction date (i.e. PTD date).
- EMTS will provide reports for review and certification by a company's Responsible Corporate Officer (RCO) on a quarterly basis for all parties who owned RINs in a quarter.
- All parties with RFS2 RIN-related responsibilities must use EMTS starting July 1, 2010.
- All RFS1 RINs will continue to be traded as they currently do under RFS1 rules. EMTS will not offer an import mechanism for RFS1 RINs

### Questions?

- For more information:
  - EPA EMTS webpage contains tutorials, webinars, and recorded presentations.
    - http://www.epa.gov/otaq/fuels/renewablefuels/epamts.htm
  - For technical support, please contact the EMTS Technical Support Line:
    - emts-testing@pqa.com
    - 1-800-385-6164
  - For regulatory/registration support, please contact the EPA Fuels Programs Support Line:
    - EPAFuelsPrograms@epa.gov
    - 1-202-343-9755